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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15

Date: 24-01-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to Thindlu old village in Ward No 09}in Vidyaranypaura sub division (change of location Improvements and Asphalting to NTI layout 7th ,8th cross and other roads near park in Ward No 09}.
Ref.: Letter No. Testing/BUB/2014-15, dated 22-01-2015
Name of the Agency/Contractor* : Mr. C.Shivaraj, Contractor,BBMP, Bangalore.
Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	97.30	95-100
26.5	---	-
22.4	73.20	60-80
11.2	55.10	40-60
4.750	32.00	25-40
2.360	18.40	15-30
0.600	14.00	8-22
0.075	3.10	0-8

*As Furnished by Client.
The Results relate only to the items tested.

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24/01/2015
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BUB/CTE/2014-15

Date: 29-01-2015

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements and asphalting to Thindlu old village in Ward No 09}in Vidyaranypaura sub division (change of location Improvements and Asphalting to NTI layout 7th ,8th cross and other roads near park in Ward No 09}.

Ref.: Letter No. Testing/BUB/2014-15, dated 27-01-2015

Name of the Agency/Contractor* : Mr. C.Shivaraj, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS :

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.09 %**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**97.00**	90—100
4.75	**44.60**	35—51
2.36	**28.00**	24—39
1.18	**18.70**	15—30
0.3	**12.30**	09—19
0.075	**5.00**	03—08

*As Furnished by Client.

The Results relate only to the items tested.

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29/01/2015
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